CONTENTS

Number 1

T.D. Collins and P. Fung	1	A visual programming approach for teaching cognitive modelling
R. Hertz-Lazarowitz and I. Bar-Natan	19	Writing development of Arab and Jewish students using cooperative learning (CL) and computer-mediated communication (CMC)
C.E. Holdich, R.G. Holdich and P.W.H. Chung	37	Assessing aspects of children's written grammar: automating the process
C.-K. Chang	51	An architectural system for retrieving messages to respond dangling questions in learning forum
P.A. Reynolds and R. Mason	65	On-line video media for continuing professional development in dentistry
	99	Book reviews

Number 2

R.S. Heller	109	Introduction to a special section on multimedia in engineering education
J. Carter	111	A framework for the development of multimedia systems for use in engineering education
A. Dlaska	129	Sites of construction: language learning, multimedia, and the international engineer
M.C. Angelides and H.W. Agius	145	An interactive multimedia learning environment for VLSI built with COSMOS
L. Sheremetov and A.G. Arenas	161	EVA: an interactive Web-based collaborative learning environment
J. Gordijn and W.J. Nijhof	183	Effects of complex feedback on computer-assisted modular instruction
	201	Book reviews

Number 3

E. Segers and L. Verhoeven	207	Multimedia support of early literacy learning
J. Milliken and L.P. Barnes	223	Teaching and technology in higher education: student perceptions and personal reflections
C.D. Hundhausen	237	Integrating algorithm visualization technology into an undergraduate algorithms course: ethnographic studies of a social constructivist approach
B.W. Tuckman	261	Evaluating ADAPT: a hybrid instructional model combining Web-based and classroom components
C.H.J. Davies	271	Student engagement with simulations: a case study
K.P. King	283	Educational technology professional development as transformative learning opportunities
A.S. McDonald	299	The impact of individual differences on the equivalence of computer-based and paper-and-pencil educational assessments
	313	Book reviews

Number 4

A. Parush, H. Hamm and A. Shtub	319	Learning histories in simulation-based teaching: the effects on self-learning and transfer
K.A. Papanikolaou, M. Grigoriadou, G.D. Magoulas and H. Kornilakis	333	Towards new forms of knowledge communication: the adaptive dimension of a web-based learning environment
M. Xenos, C. Pierrakeas and P. Pintelas	361	A survey on student dropout rates and dropout causes concerning the students in the Course of Informatics of the Hellenic Open University
S.D. Johnson, C. Suriya, S. Won Yoon, J.V. Berrett and J. La Fleur	379	Team development and group processes of virtual learning teams
A.L. Baylor and D. Ritchie	395	What factors facilitate teacher skill, teacher morale, and perceived student learning in technology-using classrooms?
W. Tsou, W. Wang and H.-Y. Li	415	How computers facilitate English foreign language learners acquire English abstract words